

AMENDMENTS TO THE CLAIMS

1-11. (Cancelled)

12. (Original) An optical film comprising:

a transparent film having a refractive index of not lower than 1.49;

transparent adhesive means provided on one surface of said transparent film, said transparent adhesive means having a refractive index of not lower than 1.49; and

a repetitive prismatic structure provided on the other surface of said transparent film, said repetitive prismatic structure having optical path changing slopes aligned in a substantially constant direction at an inclination angle in a range of from 35 to 48 degrees with respect to a plane of said transparent film.

13. (Original) An optical film according to claim 12, wherein said optical path changing slopes are constituted by at least two kinds of slopes in which one kind of slopes aligned in a substantially constant direction serve as a reference while the other kind of slopes are aligned substantially in a direction which is opposite to said one kind of slopes.

14. (Original) An optical film according to claim 12, wherein said adhesive means is a tacky layer.

15. (Original) An optical film according to claim 12, wherein said inclination angle of each of said optical path changing slopes with respect to said film plane is in a range of from 38 to 45 degrees.

16. (Original) An optical film according to claim 12, wherein said optical path changing slopes are formed based on a structure of grooves each shaped substantially like an isosceles triangle or any other triangle in section.

17. (Original) An optical film according to claim 12, wherein said optical path changing slopes are formed based on a structure of grooves or protrusions each shaped substantially like a tetragon or a pentagon in section.

18. (Original) An optical film according to claim 12, wherein said repetitive prismatic structure further includes flat surfaces each of which is inclined at an inclination angle of not larger than 5 degrees with respect to said film plane, and wherein a projected width of each of said flat surfaces onto said film plane is not smaller than 10 times as large as a projected width of each of said optical path changing slopes onto said film plane.

19. (Original) An optical film according to claim 12, wherein said prismatic structure is constituted by optical path changing slopes each inclined at an inclination angle in a range of from 38 to 45 degrees with respect to said film plane, and flat surfaces each inclined at an inclination angle of not larger than 5 degrees with respect to said film plane and each having a width of each of said flat surfaces is not smaller than 10 times as large as a width of each of said optical path changing slopes; and wherein said prismatic structure is constituted by continuous grooves each of which is shaped substantially like a triangle in section and each of which is extended from one end of said film to the other end thereof.

20. (Original) An optical film according to claim 12, wherein said prismatic structure including optical path changing slopes is constituted by discontinuous grooves each shaped substantially like a polygon such as a triangle, a tetragon or a pentagon in section; a length of each of said discontinuous grooves is not smaller than 5 times as large as a depth of each of said discontinuous grooves; wherein said optical path changing slopes are formed in a direction of the length of said grooves at an inclination angle in a range of from 38 to 45 degrees with respect to said film plane; and wherein a projected area of said discontinuous grooves onto an area of said film plane is not larger than 10%.

21. (Original) An optical film according to claim 12, wherein a reflection layer is disposed closely on a surface of said film on which said prismatic structure including said optical path changing slopes is formed.

22. (Original) An optical film according to claim 12, wherein ridgelines of said optical path changing slopes are parallel to or inclined within an angle range of ± 30 degrees with respect to one side of said transparent film.

23. (Original) An optical film according to claim 12, wherein said adhesive means is covered with a strip sheet.

24. (Original) An optical film according to claim 12, wherein said adhesive means is of a light diffusion type.

25. (Original) A liquid-crystal display device comprising an optical film according to claim 12.

26-38. (Canceled)